



TEST REPORT

Page 1 of 4

REPORT NUMBER : TURA150017062
APPLICANT NAME : Anadolu Kimya San. ve Tic. Ltd. Şti.
ADDRESS : Akçaburgaz Mahallesi 109. Sokak No:10
 Esenyurt İstanbul / TÜRKİYE
 TEL:0 212 875 77 50 FAX:0 212 875 08 22
Attention : Gürkan Kaya (gurkan.kaya@anadolukimya.com)
SAMPLE DESCRIPTION : One sample of SP 209 Regulator (Batch No : 2015.01024) Liquid
DATE IN : 30 January ,2015 (15:43)
DATE OUT : 9 February ,2015

TEST	SAMPLE
APEO Test	1
Detection of Amines Derived From Azocolourants and Azodyes	P
Determination of Free and Hydrolised Formaldehyde Test (Water extraction method)	P
	NC

P = MEETS BUYER' S REQUIREMENT / F = DOES NOT MEET BUYER' S REQUIREMENT / NR = NO REQUIREMENT / SC=STILL CONTINUES / X=NOT PERFORMED / NA = NOT APPLICABLE / LS = LACK OF SAMPLE / NC = NO COMMENT / I = INCONCLUSIVE

This report (including any enclosures and attachments) are prepared for the exclusive use of the Customer(s) named in the report and solely for the purpose for which it is provided and on the basis of instructions and information and/or materials supplied by Intertek's Customer. The test results relate only to the specific items tested and are not intended to be a recommendation for any particular course of action. Customer is responsible for acting as it sees fit on the basis of such results. Unless Intertek provide express prior written consent, no part of this report should be reproduced, distributed or communicated to any third party. Intertek do not accept any liability if this report is used for an alternative purpose from which it is intended, nor do Intertek owe any duty of care to any third party in respect of this report. Except where explicitly agreed in writing, all work and services performed is governed by Intertek Standard Terms and Conditions of Service which is available on request or can be obtained at <http://www.intertek.com/terms>.

The reported uncertainty is based on a standard uncertainty multiplied by a coverage factor k=2, providing a level of confidence of approximately 95%. The uncertainty evaluation has been carried out in accordance with ISO/IEC 17025 and TÜRKAK accreditation requirements. Unless otherwise is specified, all Pass or Fail results are given without uncertainty considered. When uncertainty is taken into account, the result may be borderline. Borderline results need to be re-tested to determine their disposition up to customer's decision. Opinions and interpretations expressed herein are outside the scope of TÜRKAK accreditation. Tests marked "u" in this test report are not included in the TÜRKAK accreditation schedule for this laboratory.



Aşkın GÜNERİ
COORDINATOR



Neslihan Sözer
Chemical Laboratory Manager



Intertek Test Hizmetleri A.S.
 Merkez Mahallesi Sanayi Cad. No.23 Altindag Plaza Yenibosna-34197 /İSTANBUL
 Phone : +90 212 496 46 46 Fax: +90 212 452 80 55
 e-mail : intertekcg.turkiye@intertek.com
<http://www.intertek-turkey.com>



150017062

Test Method	Results	Requirements
APEO Test		
INTERTEK IHTM AL.2.037		
<u>Alkylphenols</u>		
Nonylphenol (NP)	Not Detected	100 ppm
Octylphenol (OP)	Not Detected	
<u>Alkylphenol Ethoxylates</u>		
Nonylphenoethoxylates (NPEO)	Not Detected	100 ppm
Octylphenoethoxylates (OPEO)	Not Detected	

ppm = mg/kg
reporting limit = 2 ppm

Requirement = 100 ppm total according to 2003/53/EC

Estimated Total Uncertainty=(Plastic:±4% ; Textile:±3%)

Test Method

Results

Requirements

Detection of Amines Derived From Azocolourants and Azodyes

Test Method : BS EN 14362 - 1 : 2012 for Textile Material

By Gas Chromatographic - Mass Spectrometric (GC-MS) And High Performance Liquid Chromatographic (HPLC) Analysis.

1)SP 209 Regulator liquid (without extraction)

<20 ppm

RESULTS

FORBIDDEN AMINE	CAS NO	1
4-AMINOBIIPHENYL	92-67-1	N
BENZIDINE	92-87-5	N
CHLORO-O-4-CHLOR-O-TOLUIDINE	95-69-2	N
*O-AMINOAZOTOLUENE	97-56-3	N
*2-AMINO-4-NITROTOLUENE	99-55-8	N
P-CHLOROANILINE	106-47-8	N
2,4-DIAMINOANISOLE	615-05-4	N
4,4'-DIAMINOBIIPHENYLMETHANE	101-77-9	N
3,3'-DICHLOROBENZIDINE	91-94-1	N
3,3'-DIMETHOXYBENZIDINE	119-90-4	N
3,3'-DIMETHYLBENZIDINE	119-93-7	N
3,3'-DIMETHYL-4,4' DIAMINOBIIPHENYLMETHANE	838-88-0	N
P-CRESIDINE	120-71-8	N
4,4'-METHYLENE-BIS-(2 CHLOROANILINE)	101-14-4	N
4,4'-OXYDIANILINE	101-80-4	N
4,4'-THIODIANILINE	139-65-1	N
O-TOLUIDINE	95-53-4	N
2,4-TOLUENDIAMINE	95-80-7	N
2,4,5-TRIMETHYLANILINE	137-17-7	N
O-ANISIDINE	90-04-0	N
**P-AMINOAZOBENZENE	60-09-3	N
2,4 XYLIDINE	95-68-1	N
2,6 XYLIDINE	87-62-7	N

Note:

1)The amines o-amino-azotoluene and 2-amino-4-nitrotoluene are detected by its splitted product o-toluidine and 2,4- toluenediamine.

2)Azo colorants that are able to form 4-aminoazobenzene, generate under the condition of this method aniline and 1,4- phenylenediamine . The presence of these colorants can not be reliably ascertained without additional information, e.g. chemical structure of the colorant used.

3)According to EN 14362-1:2012, separate test is suggested to ascertain the compliance for result of mixed test in the range between 5 ppm and 30 ppm.

4)Azocolourants Content Requirement In Annex XVII Item 43 Of The REACH Regulation (EC) NO. 1907/2006 & Amendment No. 552/2009 and 126/2013 (Formerly Known As Directive 2002/61/EC

ppm : part per million (mg/kg) Detection Limit: 5 ppm < = Less Than N: Not Detected NC : No Comment

Estimated Total Uncertainty=(±9%)



Intertek Test Hizmetleri A.S.

Merkez Mahallesi Sanayi Cad. No.23 Altindag Plaza Yenibosna-34197 /ISTANBUL

Phone : +90 212 496 46 46 Fax: +90 212 452 80 55

e-mail : intertekcg.turkiye@intertek.com

<http://www.intertek-turkey.com>

Test Method	Results	Requirements
Determination of Free and Hydrolised Formaldehyde Test (Water extraction method)		
BS EN ISO 14184 - 1 :2011 Free and Hydrolized Formaldehyde by UV-VIS Analysis		
	16 ppm	<16 ppm

ppm (part per million) =mg / kg
Detection Limit =5 ppm
< =Less Than
Estimated Total Uncertainty=(±6%)

END OF TEST REPORT



Intertek Test Hizmetleri A.S.

Merkez Mahallesi Sanayi Cad. No.23 Altindag Plaza Yenibosna-34197 /ISTANBUL

Phone : +90 212 496 46 46 Fax: +90 212 452 80 55

e-mail : intertekcg.turkiye@intertek.com

<http://www.intertek-turkey.com>